User Manual

MODEL PA02-5002

Preface

Thanks for using YF GPS PA02-5002!

- YF reserves the rights of final interpretation of the manual.
- The product is subject to change without any further notice. Please accept our apology for your inconvenience.
- Please back up your information in the GPS navigator. YF assumes no responsibility for any loss caused by material loss.
- The manual might contain a few mistakes though it has been checked. If mistakes are found, please contact the YF customer service center.

- Please read carefully the instructions in this manual and use only accessories of YF to avoid unpredicted damage. Failure to follow the instructions will invalidate warranty and might endanger personnel safety, for which YF assumes no responsibility.
- Data of navigation electronic maps might be inconsistent with actual traffic signals due to transportation development. Please follow traffic regulations and signs and drive according to road situation.
- Operating the GPS navigator device while driving might cause serious accidents. Please shorten your time in viewing the navigator and use the voice prompt function. While driving, try to shorten your time in operating the navigator, for example, inputting addresses, changing settings or using other functions. YF assumes no responsibility for accidents and loss due to improper use.
- For safe driving, please pay attention to road and weather conditions as well.
- For information of software update and upgrade, please go to our website www.yfgps.com.
- The pictures in the manual are subject to the material object.

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Chapter I Welcome

Thanks for using the GPS PA02-5002 featured with navigation as the major function as well as other amusement functions like call, SMS, GPRS, Wi-Fi, audio play, video play, flash play, photo browsing and e-book reading, CMMB and games, etc.

- ✓ SiRF Atlas-Ⅳ, dual-core CPU with high performance and low power consumption
- ✓ Friendly user interfaces for simple operation
- ✓ Power management for longer and more stable operation
- ✓ Data transmission with computers via Mini USB
- ✓ Quality reception for accurate positioning and satisfactory navigation service
- ✓ Leisure partner with audio/video/amusement functions

You may use the GPS navigator anytime anywhere, for example while driving, walking or cycling. Its navigation and amusement functions will enrich your life and work!

To fully exert the functions of GPS PA02-5001 and to understand the operation details, please read the manual carefully.

You may see the following supplemental information in the manual.

[Note]: Explanation of relevant subjects

[Relevant Information]: Extra information of relevant subjects

[Attention]: Precautions or warnings of relevant subjects. Please pay attention to this information and follow the instructions to avoid devastating influence on yourself and others.

[*]: Optional function

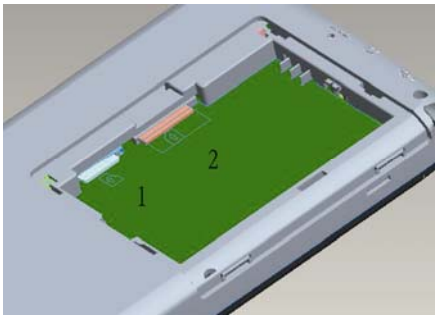
This manual is applicable only to the GPS PA02-5002.

Chapter II Basic Operation

2.1 Appearance

SN	Component	Explanation
1	Power key	Switch the key to the left to power on/ off the device or enter sleep mode; switch to the right to lock the screen
2	Microphone	For voice input of Bluetooth function and voice recording
3	Charging indicator light	It is red while the device is being charged and green in operation
4	PTT (Push-to-talk) shortcut	Set a frequently dialed number as the PTT number and press this icon to dial the number
5	Light sensor	Realizes automatic backlight adjustment
6	Earphone jack	Connecting with earphone
7	MINI USB port	Communicating with PC via MINI USB cable, and used as the charging port
8	Stylus slot	Stylus inside
9	Speaker	Playing sounds (such as navigation prompt tones, music, etc.)
10	Reset key	Press to restart the system

11	Battery cover	Battery inside



【Note】: Insert a T-flash card or SIM card in the direction indicated at the slot and push to the position. To avoid damaging components, make sure the device is off while inserting cards.

1 T-flash card slot

2 SIM card slot

2.2 Power Supply & Charging

Charge the GPS navigator fully with the charger before first use.

2.2.1 Power Supply

The GPS PA02-5002 can be powered by the built-in battery or external power supply.

When the GPS navigator is unconnected to the charger, it is powered by the Li-polymer battery. The battery capacity icon in the system main interface shows current residual battery capacity.

When the GPS navigator is connected to the charger, it is powered by external power and the battery is charged.

[Attention] The GPS navigator adopts removable Li-polymer battery. To avoid battery rupture, explosion, release of hazardous substance or burn, do not unpack, pierce, strike on or discard the battery in fire or water.

The navigator has a working temperature of 0~50°C and storage temperature -10~60°C. Do not expose the device in excessive heat or hot areas, for example in the car under strong sunlight. To avoid damaging the device, keep it away from direct sunlight.

Follow local regulations while disposing the battery.

2.2.2 Charging by Charger

The GPS navigator must be charged with the charger before first use.

Plug the USB terminal of the charger into the USB port on the left side of the GPS navigator and the other to the power socket to supply power and charge the GPS navigator.

[Note]: The charging indicator light is red during charging. Do not unplug the charge until the battery is fully charged and the indicator light turns green. Please charge the GPS navigator when the battery is low or used up in succeeding use.

2.2.3 Charging by Car Charger

Plug one terminal of the car charger into the USB port on the left side of the GPS navigator and the other to the charging port to supply power and charge the GPS navigator.

[Note]: Plug in the car charger after the automobile is started to avoid damage due to current surge.

2.3 Powering on

Toggle leftwards the power key on the top of the GPS navigator and let go after two seconds to power it on and enter the welcome interface.

[Note]: Great humidity fluctuation may lead to short circuit of the GPS navigator. Power on the navigator after it has accommodated to new environment.

2.4 Powering off & Sleep

Toggle leftwards the power key and let go after two seconds when the power-off interface prompts, and tap “Power off”. If

is selected, the navigator will enter sleep mode, and will automatically resume the state before entering sleep mode when it is powered on again (refer to **2.3 Powering on**).

2.5 Screen lock

Under operation status, you may push the power key rightwards to the “LOCK” position to lock the screen. Push the key to the middle position to unlock the screen.

2.6 Restarting the System

When the system does not response, press the reset key on the right side of the GPS navigator to restart the system.

[Relevant Information] The following situations might lead to no response of the system.

1. Delay or stagnancy in interface switching;
2. Failure of function activation with overlong execution;
3. Failure to power on/off the GPS navigator by pressing the power key

[Note]: Restarting the system by pressing the reset key will result in loss of unsaved data. Please backup your data regularly.

2.7 Fixing the GPS Navigator with the Mounting Kit

The mounting kit is composed of a cradle and a bracket. To use the GPS navigator in an automobile, fix it on the dashboard under the front windshield.

[Note]: Do not place the GPS navigator in positions obstructing the driver’s vision, for example at the steering wheel, pedal or gear lever. Do not place it without fixing it, or in the place of air bag or the area after the air bag is inflated.

While using the mounting kit, follow local regulations. YF will have no responsibility for any

penalty or damage resulting from traffic violation.

2.8 Using T-FLASH Card

You may copy mapping applications, map data and media files in a T-flash card. Insert the card in the corresponding slot.

[Note]:

1. Do not take out the T-Flash card while an navigation program is being run or a media file is being played.

2. To avoid drop or crash of the T-Flash card, do not exert heavy pressure on it or bend it.

3. Avoid using or storing the T-Flash card in high temperature, high humidity or direct sunlight. Keep the card away from liquid or corrosive substance.

4. Mind the direction while inserting the T-Flash card to avoid damaging the slot or the card.

2.9 Using the Touch Screen

To protect the touch screen, do not operate it with acute objects. To cleanse the screen, use soft cloth with water, isopropyl alcohol or glasses cleanser. Do not use detergent containing ammonia.

2.10 System Main Interface and Major Functions

Toggle leftwards the power key on the top of the GPS navigator and let go after two seconds to power it on and enter the system main interface as shown below.

If the device is powered on with an SIM card inserted inside, the network operator’s name will be shown at the middle of the upper side of the system main interface, for example “China Mobile”;

otherwise, “Network Restriction” will be shown.

The meanings of the icons in the first line of the above interface are as below.

	Shows system information, including Rom version, software version, OEM info, platform ID, Device ID, GSM version, IMEI and Time limit
	Setting the system date and time
	Name of the network operator
	Dial setting of auto dialing and connecting to GPRS network, editing or creating operator information. Shown as when disconnected to network.
	Enable or disable wireless module. When “Open wireless module” is not selected (***3.34 Wireless setting***), the device will enter flight mode, will be shown, and “network limit” will be displayed in the middle of the top of the screen.
	Current page identifier; when the both spots are grey, it indicates the current page is the 1st page of the system main interface; when the first spot is blue, it indicates the 2nd of the system main interface, and so on
	Display the battery capacity

[Relevant Information]: In the following situations, the SIM card cannot be registered to network after the device is powered on, and “network limit” will be displayed instead of the network operator name.

1. No SIM card is inserted;
2. Wireless Module (refer to ***3.34 Wireless Setting***) is disabled;
3. No PIN code is input at ***3.23 PIN code Setting*** (when PIN code is enabled).

Tap on the screen and drag upwards to scroll pages down and show function icons, or drag downwards to scroll pages up, as shown in the interface below.

[Relevant Information]: In the above interface, the icon style is set as “Left”, and the three icons in the left row remain when scrolling pages. To change icon layout, enter the **Theme** function and select the **Style** as **“Bottom” or “Non”**. See ***3.17 Theme*** for details.

2.11 Network Connection

The device has call function and SMS function when connected to GSM network. To set up network connection,

1. Insert an SIM card;
2. Enable Wireless Module (refer to ***3.34 Wireless Setting***);
3. Input PIN code (when the Pin code is enabled for the SIM card; refer to ***3.23 PIN Code Setting***).

[Relevant Information]: Enable PIN code for your SIM card using your mobile phone. The initial PIN code is provided by your service provider, which is modifiable. Note if the PIN code is input three times continuously, the SIM card will be locked and PUK code will be required to unlock.

Do remember your PIN code.

You may go to the Internet and download information when the device is connected to GPRS network. To set up GPRS network connection,

1. Insert an SIM card supporting GPRS service (to enable GPRS function, contact your network service provider);

2. Enable the “Wireless Module” function (refer to ***3.34 Wireless Setting***);

3. If PIN code is enabled for your SIM card, enter the “Pin Code Setting” interface to input the code when the device is powered on (refer to ***3.23 PIN Code Setting***);

4. Enter the “GPRS Connection” interface (refer to ***3.14 GPRS Connection***), tap “Connect” to connect to GPRS network.

Chapter III Function Operation

3.1 Navigation

Various navigation mapping applications can be installed in the GPS navigator, such as CARELAND and RITU intelligent navigation systems, which position the navigator via the satellite receiver and display it on the map. Set a destination, and the system will automatically work out the best path to help the user reach the destination safely and quickly.

3.1.1 Map

The device has two navigation modes for you to choose from, which are vehicle navigation and hybrid navigation.

When vehicle navigation is chosen, the map database, navigation software and dynamic instant messages on your device will be uploaded instantly from databases and navigation mechanism of network servers. Due to transportation development, inconformity between products and real traffic information will occur a period after product release. Please drive according to road condition and abide by traffic regulations.

When hybrid navigation is chosen, dynamic instant messages including road and weather conditions will be obtained via connecting external servers to network to ensure timeliness and accuracy.

3.1.2 Navigation

Navigation paths are for reference only, and the user may decide whether to follow them.

3.1.3 Reception

High and crowded structures (such as inside of tunnels, space between high buildings, underground car parks and under viaducts), weather change or satellite signals turnoff may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormity.

With stereoscopic maps, instant animation, voice prompt and text prompt of the navigation system, you will appreciate its unique charm and enjoy a great trip.

Different navigation maps may have different operation methods. Please follow instructions of corresponding navigation mapping applications.

[Note]: Before using the GPS navigator, please purchase and install mapping applications and appoint file paths. For setting methods please refer to ***3.31 Setting Navigation Path***.

[Note]: Please refer to navigation software instructions for details.

3.2 Dial

When the device is connected to GSM network, tap on the system main interface to enter the **Dial** interface as shown below.

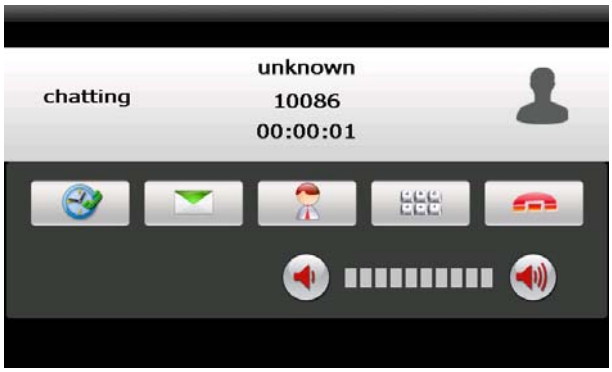
3.2.1 Making a Call

Input a telephone number,

	Backspace	Tap to delete the last number or symbol input
	Dial	Tap to dial a number

Besides, you may select a contact person from the phone book to make a call, see the instructions of ***Phone Book*** as below.

When the call is put through, the following interface will be shown.



In the above interface, tap to enter the “Call Record” interface (see ***3.2.5 Call Record***); tap to enter the “SMS” interface (see ***3.10 SMS***); tap to enter the “Phone Book” interface (see ***3.2.4 Phone Book***); tap to open the keypad to input information during the call; tap to hang off; tap / to turn down/ up the volume.

3.2.2 Answering a Call

When there is a incoming call, the following interface will be shown.

批注 [微软用户1]: 本图中文字改为 new call, unknown

Tap to answer the call or tap to reject.

3.2.3 Setting a PTT(Push-to-talk) Number

The user may set a frequently-used number as the PTT number, and directly tap to dial the number. Refer to the instructions of “**PTT Number**” for detailed setting method.

3.2.4 Contacts

Tap to enter the **Contacts** interface as shown below:

	Contact details	Tap to enter the interface “Contact details”
	Keypad	Tap the icon to input contact number and email, etc., tap to save the info as shown in the following interface.

Repeat the above instructions to add more contact persons. After saving information, you may see the following interface:

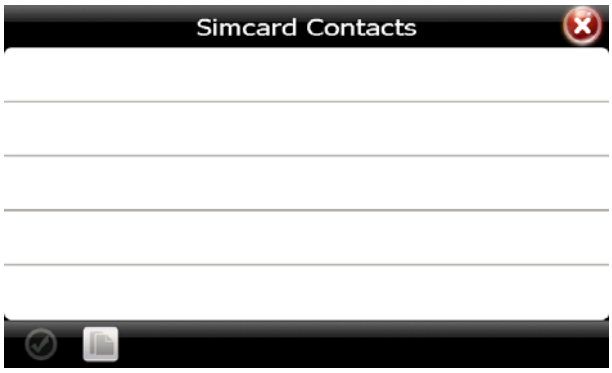
	Select all	Tap to select all contact persons in the phone book
	Delete	Tap to delete the selected contact person
	“Contact details” interface	Tap to enter the “Contact details” interface as shown below
	Add to the list of frequent contact	Tap to add the contact person to the list of frequent contact
	SIM card contact person	Tap to enter the list of SIM card contact persons to copy the contact person info in the SIM card to the device

	Select all	Tap to select all the contact persons in the phone book
	Delete	Tap to delete the selected contact person

	"Contact details" interface	Tap to enter the "Contact details" interface as shown below

In the above interface, tap to edit the contact person information; tap to make a call; tap to send a message.

In the "Phone book" interface, tap to enter the list of SIM card contact persons to copy the contact person information to the device, as shown in the following interface.



In the above interface, select a record or tap to select all the contact persons in SIM card, and then tap to copy them to the device.

3.2.5 Call Records

Tap to enter the "Call Records" interface:

Function Operation

	Select all	Tap to select all the records
	Delete	Tap to delete the selected records
	Dial	Tap to make a call
	Send a message	Tap to enter the interface of message edit to send a message to the selected contact person
	Detailed information	Select a call record, tap the icon to show the detailed information as shown below

	Dial	Tap to make a call
	Send a message	Tap to enter the interface of message edit
	“Contact details” interface	Tap to enter the “Contact details” interface as shown above

3.2.6 Frequent Contact

Tap to enter the interface of “Frequent contact”:

In the above interface, tap to make a call; tap to send a message; tap to exit.

3.3 Music Play

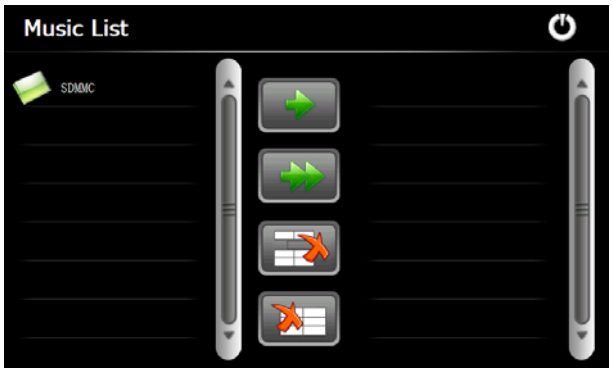
The music player supports .WMA9, MP3 and .WAW files, and play sequence selection.

Copy audio files to a folder in a T-flash card and insert the card in the device before using the player.

Tap in the system main interface to enter the **Music Play** interface as shown below:

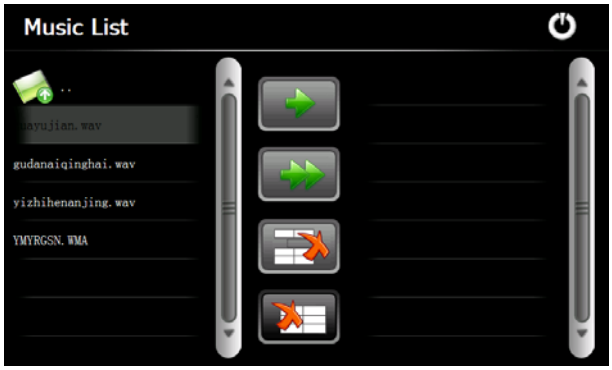
Tap to enter the interface of **Music List**:

Function Operation



Double tap

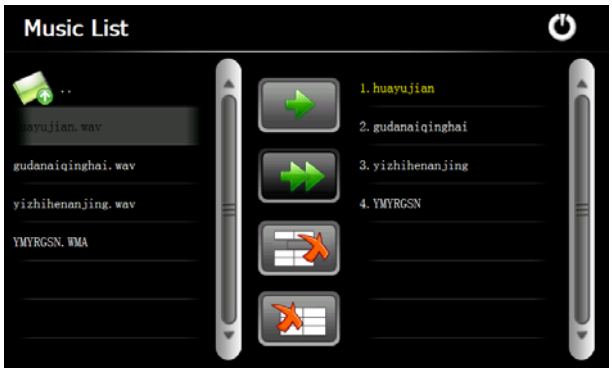
to open the list of audio files:



The functions of the icons in the above interface are listed as below.

	Close	Close the Music List
	Scroll bar	Drag it upward/ downward to view all music files
	Add one	Add a piece of music on the left list to the play list on the right, as shown in the following interface
	Add all	Add all the music on the left list to the play list on the right
	Delete one	Select one piece of music in the play list and tap the icon to delete it
	Delete all	Delete all the music in the play list

The following interface will be shown after adding audio files to the play list.

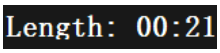


Double tap on a file from the play list in the above interface to enter the play interface:

The functions of the icons in the above interfaces are listed as below.

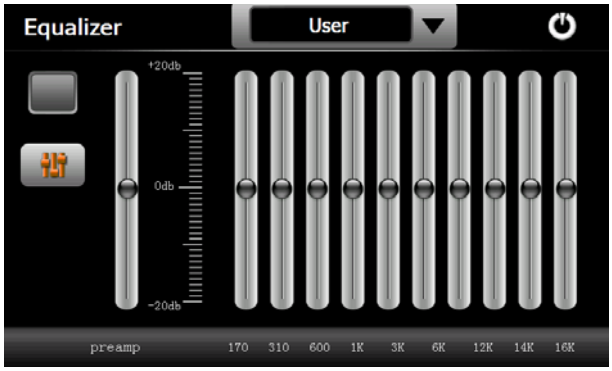
	Close	Tap to close the music player
	Minimize	Tap to minimize the player and return to the system main interface
	Pause	Tap to pause/ continue playing music
	Stop	Tap to stop playing music
	Previous	Play the previous music
	Next	Play the next music
	Play sequence	Tap to select a play sequence (totally 5 kinds: -single; -single repeat; -ordinal; - repeat all; -random)

Function Operation

	Play list	Tap to switch to the **Play List** interface to select music to play
	Equalizer	Tap to enter sound effect setting
	Music info	Shows current music name, artist, album info and music length
	Time	Display the played time of the music
	Progress regulation	Drag leftwards or rightwards the slide to a spot to play from it
	Volume regulation	Drag the slide leftwards./ rightwards to turn down/ up the volume

If the music has corresponding lyric file (in the format of "music name + .lrc"), when it is played, lyrics will be displayed on the right side of the interface. Double tap the lyric area to view in full screen. In full-screen mode, double tap the screen to resume the normal playing interface.

Tap in the playing interface to enter the **Equalizer** interface as shown below.



	Close	Tap to return to the music play interface
	Music style	Tap to select a music style (12 options: Recommend, Pop, Rock, Metal, Dance, Electronic, Country, Jazz, Oldies, Blues, Nostalgia and Opera), or select "User"

	Enable equalizer	Tap to enable the equalizer
	Reset	Tap to reset the equalizer

Tap to save the setting and return to the play interface.

3.4 Video Play

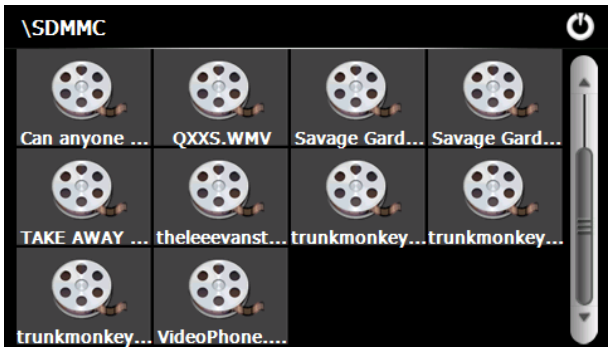
The video player supports .WMV, .ASF and .AVI files, full-screen play, progress selection and file selection.

Copy video files to a folder in a T-flash card and insert it in the device before using the player.

Tap in the system main interface to enter the video play interface as below.

Tap to go to the directory of memory card:

Tap to open the list of video files:



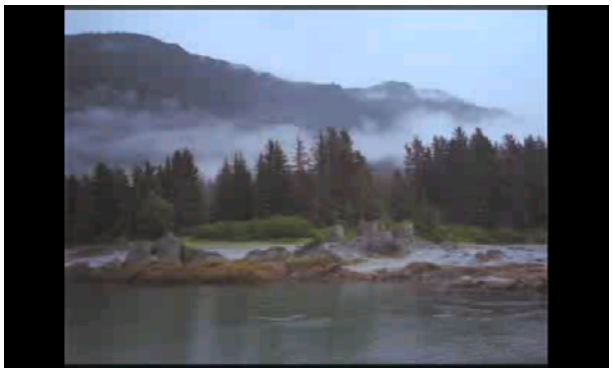
Double tap on a file to play in the following interface:

The functions of the icons in the above interface are listed as below.

	Close	Tap to close the video player
	Previous	Play the previous file
	Pause/ Play	Tap to pause/ continue playing
	Next	Play the next file
	Stop	Tap to stop playing
	Video list	Tap to switch to the interface of video list to select a file to play
	Progress regulation	Drag leftwards or rightwards the slide to a spot to play from it

	Volume regulation	Drag leftwards/ rightwards to turn down/ up the volume
00:00:48/00:05:39	Time	Played time/ file length

While playing, double tap the screen to enter full-screen mode as shown below. Double tap it again to resume the normal playing interface.



3.5 Photo Browsing

The photo browser supports .JPG, .GIF, .BMP and .PNG files, photo rotation, zoom in/ out and auto play.

Copy photos to a folder in a T-flash card and insert the card in the device before using the browser.

Tap in the system main interface to enter the photo browsing interface as shown below.

Tap to go to the directory of memory card:

Function Operation

Double tap

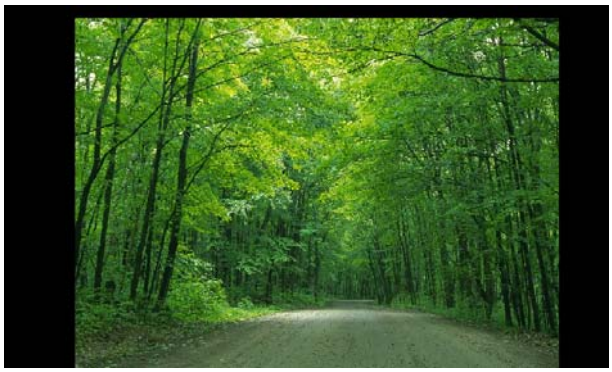
to open the photo list:

	Close	Tap to close the current file
	Return	Double tap to return to the previous folder
	Scroll bar	Drag upwards/ downwards the slide to display all photos

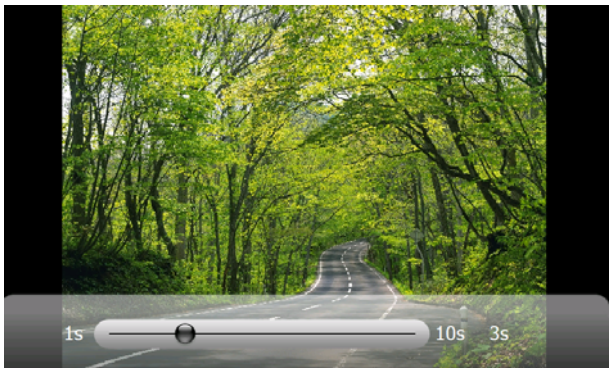
Double tap on a photo to open the browsing interface as shown below:

	Previous	Tap to view the previous photo in the current file
	Next	Tap to view the next photo in the current file
	Zoom in	Tap to zoom in the current photo
	Zoom out	Tap to zoom out the current photo
	Rotate	Tap to rotate the current photo 90° clockwise
	Auto play	Play all the photos in the file in full screen from the current photo, as shown in the following interface
	Photo list	Tap to switch to the interface of photo list to select a photo
	Close	Tap to close the photo browser and return to the system main interface

In the above interface, double tap on the screen to display photos in full screen:



Tap to enter auto play interface as shown below. Drag the slide at the bottom of the screen to regulate play speed (1-10 seconds), and then tap on the screen to hide the slide (or the slide will be hidden automatically); tap on the screen to show the slide. Double tap on the screen to stop playing and return to the browsing interface.



3.6 E-book Reader

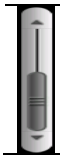
The reader supports .TXT files, page turn and folder selection.

Copy .TXT files to a folder in a T-flash card and insert it in the device before using the reader.

Tap on the system main interface to enter E-book reader interface as shown below.

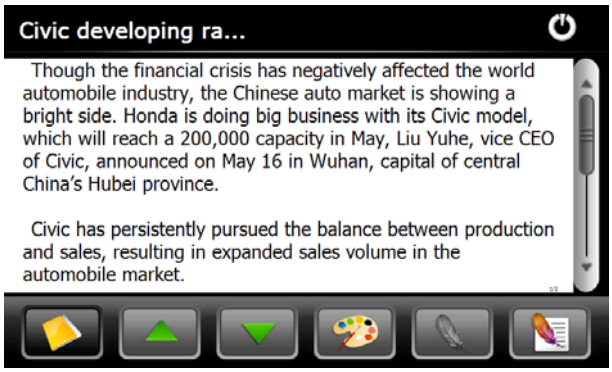
Tap to go to the directory of the memory card:

Double tap to open the list of TXT files:

	Close	Tap to close the current file
	Return	Double tap to return to the previous folder
	Scroll bar	Drag upwards/ downwards the slide to show all the files in the folder

Double tap on the file to read it in the following interface:

Function Operation



FUCHEN.TXT	File name	Show the name and format of the current file
	Close	Tap to close the reader
	Folder	Tap to open the interface of TXT file folder to select a file
	Previous page	Go to the previous page
	Next page	Go to the next page
	Setting	Tap to choose a background, font, word size and bold for the reader
	New bookmark	Drag the cursor to select partial content of the current page, tap this icon and then tap "OK" to create a bookmark
	Bookmark list	Tap to open the bookmark list to select or delete bookmarks
1/2	Current page/ total pages	Current page/ total pages of the file
	Scroll bar	Drag upwards/ downwards the slide to show the full content of the file

In the above interface, tap to enter the E-book setting interface as shown below.

	Close	Tap to exit the setting interface
	Save	Tap to save the settings
	Theme	Tap to select a background for the reader
	Font	Tap to select a font for the reader
	Word size	Tap to select a word size
	Bold	Tick in the box to enable bold type; tick again to cancel

In the reader interface, drag the slide to locate to a page to create a bookmark, select partial content on the screen using the stylus, will be highlighted, and then tap and tap “OK” to create a bookmark for the selected content.

After creating bookmarks, tap to show the interface of bookmark list as shown below.

In the above interface, drag the scroll bar to select a bookmark in the left list, tap to jump

to the page. Tap to delete a selected bookmark.

3.7 IE

Tap on the system main interface to enter the “GPRS Setting” interface as shown below.

Tap “Connect automatically” to connect to the network. When succeeded, the following interface will be displayed.

批注 [微软用户2]: 去除蓝色部分

Tap to exit the “Dialup Setting” interface and enter the IE Browser as shown below.

批注 [微软用户3]: 将本图中相应序号插入下图。

批注 [微软用户4]: 在本图中插入相应序号。

The functions of the icons in the above interface are listed as below.

1	Back	Tap to go back to the previous webpage
2	Forward	Tap to go to the next webpage
3	Address Field	Tap to open the keypad to input a webpage address
4	Dropdown button	Tap to select from the dropdown list a webpage recently visited
5	Go to	Tap to visit the webpage shown in the address filed
6	Refresh	Tap to refresh the webpage
7	Close	Tap to close the current webpage
8	Home	Tap to enter the Home page
9	Favorite	Tap to enter the Favorite list

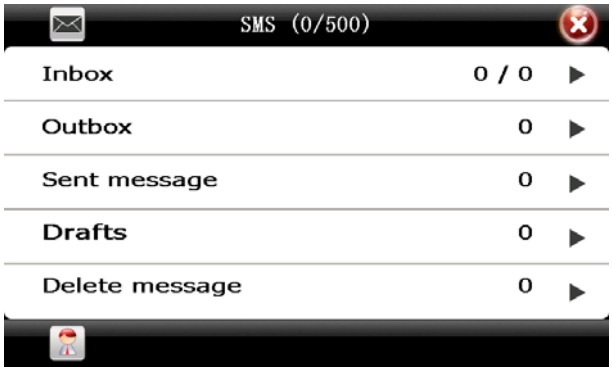
10	Bookmark	Tap to enter bookmark or add new bookmarks
11	IE setting	Tap to enter IE settings
12	Keypad	Tap to display/ hide the keypad

Input a site URL in the address filed, and tap to browser the website.

[Note]: When you run IE, the “Dial Setting” interface will prompt only when automatic GPRS connection is set (see ***3.13 GPRS Connection***). Otherwise, you will enter the IE browser interface directly.

3.8 SMS

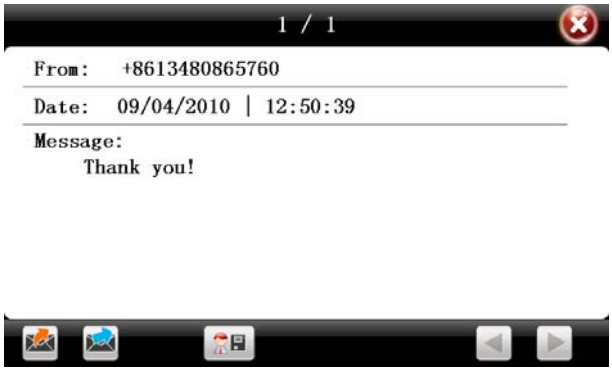
The device saves 500 short messages, including those in the Inbox, Outbox, Sent Messages, Draft Box and Waste Box. Tap in the system main interface to enter the SMS interface as below.



3.8.1 Reading a Received Message

When a new message is received, the following interface will be shown.

Tap “View” to view the message:



Tap to reply to the message; tap to forward the message; tap to edit and save the sender’s information.

3.8.2 Creating and Sending a Message

Tap to enter the “New Message” interface:

First input the receiver's mobile phone number using one of the following methods:

1. Move the cursor behind "to" and input a mobile phone number using the prompted keypad, as shown in the following interface.

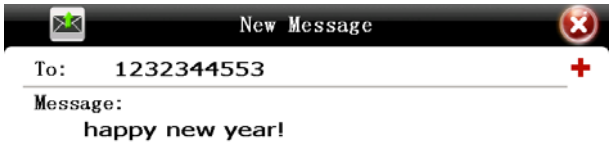
2. Tap to enter the "Phone Book Search " interface, select a number (or tap to select multiple numbers), and tap as shown below.

[Note]: While inputting multiple mobile phone numbers, input ";" between every two numbers.

After entering mobile phone number(s), double tap the "Content" area to enter the interface of content input and prompt the keypad as shown below.

Input message content using the keypad, tap

to hide the keypad and return to the “New Message” interface as shown below.



Tap to send the message. When succeeded, the message will be put into the “Sent Messages”; if failed, it will be put into the “Outbox” to be sent again. Tap to return to the “SMS” interface.

3.8.3 Saving a Message being Edited

To save the message being edited for later sending, tap and then tap “OK” in the prompted dialog to save the message to the Draft Box.

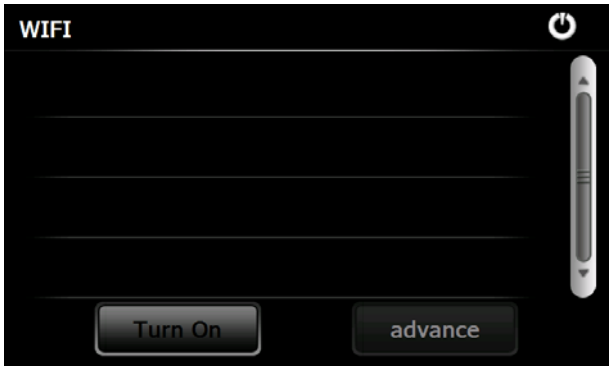
3.8.4 Managing Messages

After a message is sent, it will be shown in the “Sent Messages”. You may tap in the “SMS” interface to view the message.

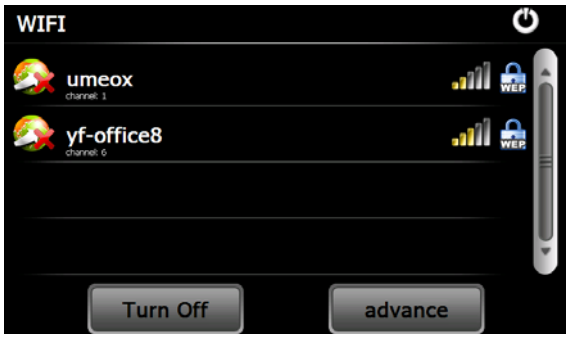
In the above interface, tap to select a message, and tap to forward it to other numbers.

3.9 Wi-Fi Setting

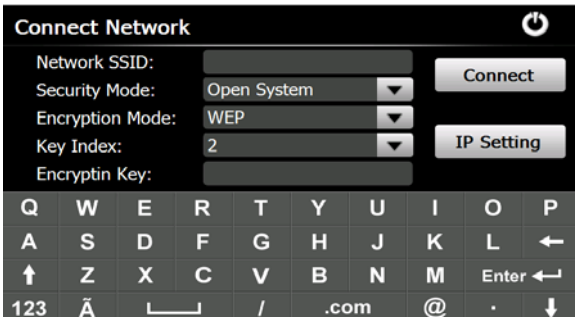
Tap in the system main interface to enter the Wifi interface as shown below.



Tap to turn on the Wi-Fi module as shown below.



Choose and tap a network from the list, and tap advance to set the network as shown below.



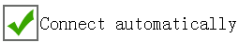
Tap “IP Setting” to set the network address as shown in the following interface. Select “Auto” or “Manual” for network setting. Then tap in the top-right corner to save the setting, and tap to exit.

Input password, tap “Connect” for connecting the network; then tap “Disconnect” for disconnecting the network.

After network connection is succeeded, you can log on and surf the internet by returning to the system main interface to run IE (refer to 3.7 IE for details).

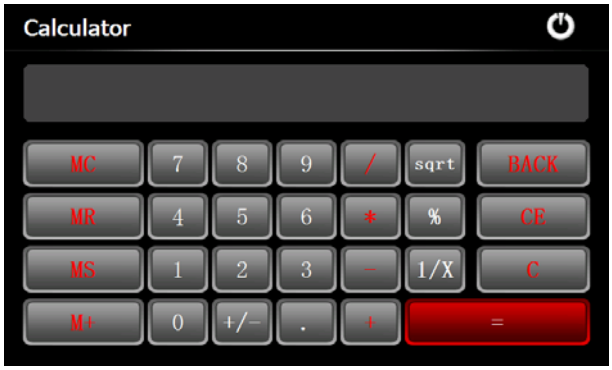
3.10 GPRS Connection

Tap in the system main interface to enter the GPRS connection interface as shown below.

	Close	Tap to close the interface
	Operator select	Tap to select an operator
	Auto connect	When this item is ticked, the above interface will be shown when IE is run
	New operator information	Tap to create, save operator information
	Operator information	Tap to view, edit or delete operator information, and tap to save

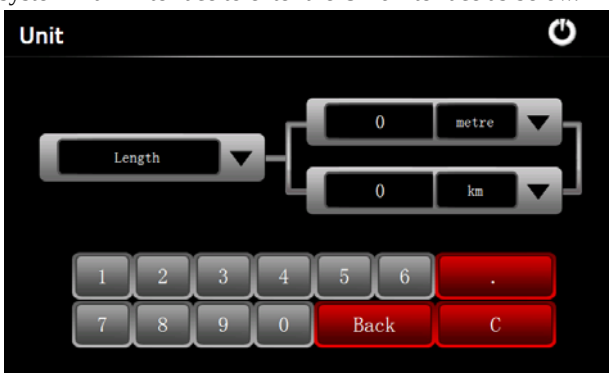
3.11 Calculator

Tap in the system main interface to enter the **Calculator** interface as below.



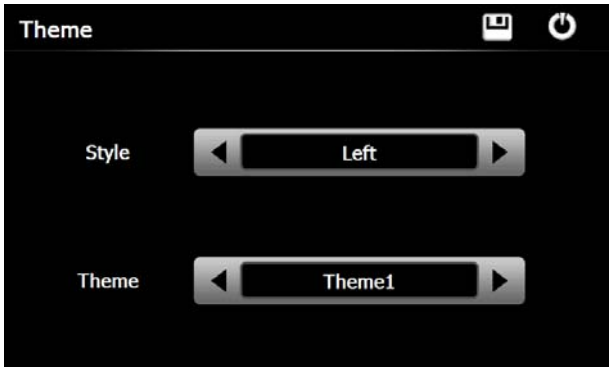
3.12 Unit

Tap in the system main interface to enter the **Unit** interface as below.



3.13 Theme

Tap in the system main interface to enter the **Theme** interface as below to set a style and theme for the system interfaces.



Style	Mode of icon layout; tap / to select a mode (from “Non”, “Left” or “Bottom”), and tap to save the setting. Tap to exit without saving the setting.
Theme	Icon type; tap / to select a theme (totally 4 themes), and tap to save the setting or tap to cancel.

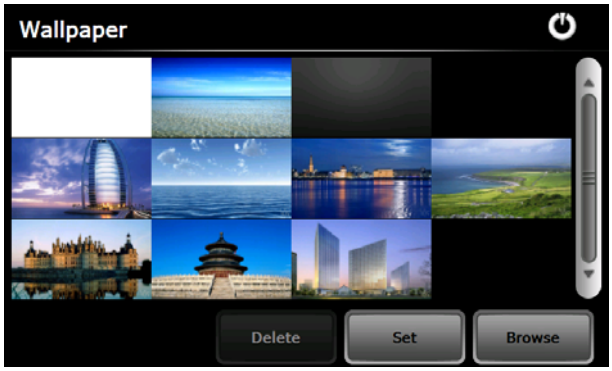
For example, set the Mode as “Bottom” and the Theme as “3”, and tap to get the

following system interface effect.

[Note]: In the above interface, tap on the screen and drag leftwards to turn pages backwards and display function icons or drag leftwards to turn pages forwards

3.14 Wallpaper

Tap in the system main interface to enter the **Wallpaper** interface as below.



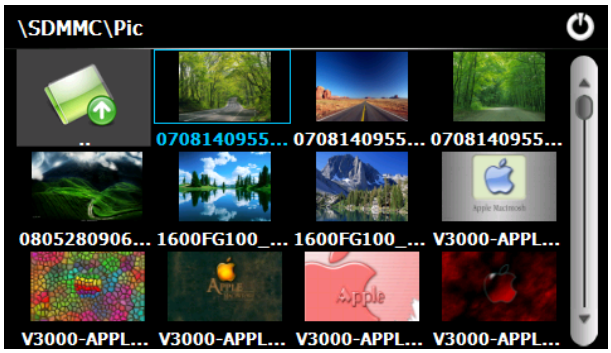
You may choose an installed wallpaper using the following method:

Select from the above interface an pre-installed wallpaper, and tap

to get the following effect.

You may also set an external image as the wallpaper using the following method:

Insert a T-flash card with images inside into the device, and tap “Browse” to select an image as shown below.



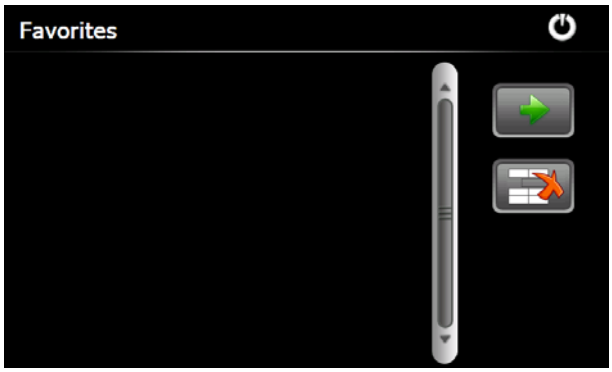
Double tap on an image to add it to the “Wallpaper Setting” list, and then select the image and tap Set to set it as the wallpaper.

[Note]: The pre-installed wallpapers cannot be deleted, while the added images can be deleted. To delete images, select an added image from the “Wallpaper Setting” interface and then tap Delete.

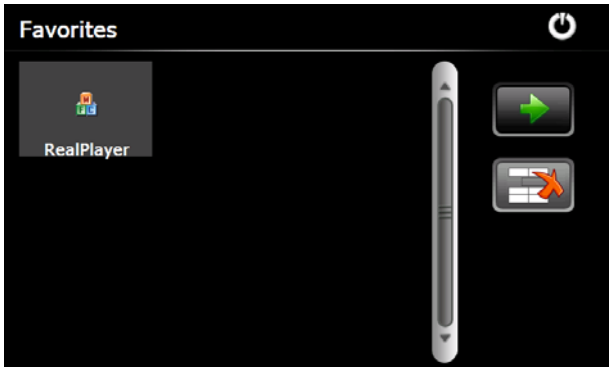
3.15 Favorite

The function enables you to collect wanted applications that can be run under the WinCE system with the.exe ending in its name.

Tap on the system main interface to enter the **Favorite** interface as below.



Tap in the above interface to open the directory where the application to be added is, and then double tap the application to add it to the Favorite.

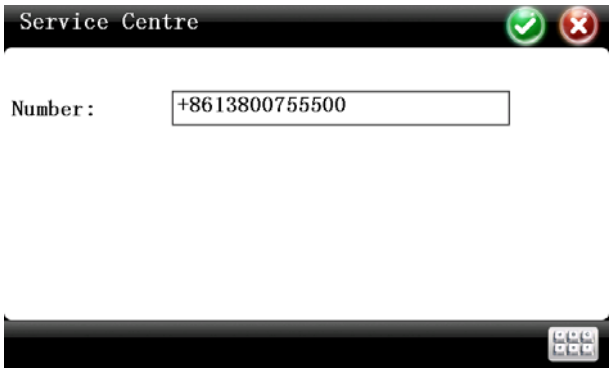


To delete applications from the Favorite, select the application in the above interface and tap .

[Note]: While deleting the application, the shortcuts instead of application itself will be deleted.

3.16 SMS Center

Tap in the system main interface to enter the following interface.



[Attention]: While running this function, the SMS center number can be shown only when the wireless module has been enabled and the PIN code has been input.

3.17 Home

Tap in the system main interface to enter the “IE Home” interface as below. Tap to open the keypad, input an IE home address in the “Main Interface” input box and tap to save the setting.

3.18 Pin Code Setting

The PIN code is the ID of your SIM card, which is used to protect your SIM card from being used by others. The original PIN code is provided by your network operator.

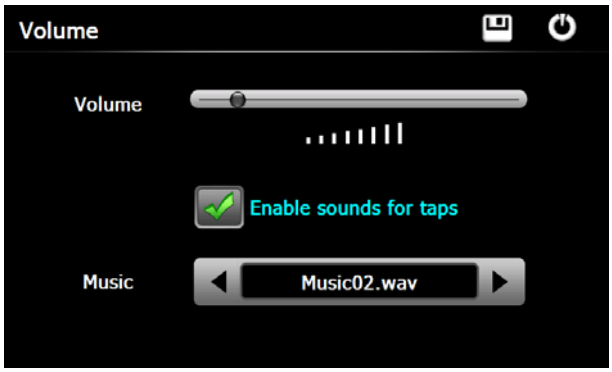
If power-on PIN code has been enabled, then a 4-digit PIN code needs to be input after each power-on to use network service. Tap in the system main interface to enter the following interface.

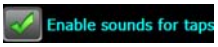
Tap to display the keypad, enter the PIN code and then tap “OK” to finish.

[Attention]: The PIN code is modifiable. Please note that if false PIN code is input for three continuously times, the mobile phone will be locked and a PUK code will be required to unlock. You are suggested to always remember the PIN code.

3.19 Volume

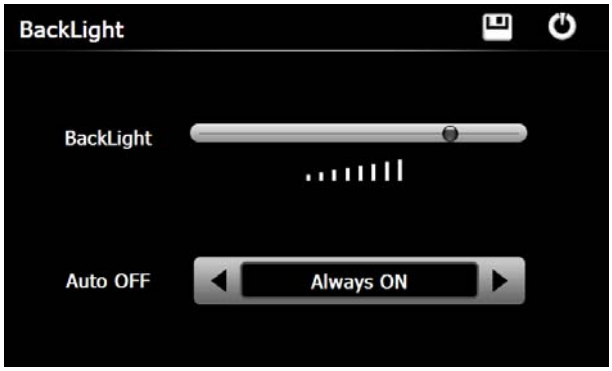
Tap in the system main interface to enter the **Volume** interface as shown below.



	Close	Tap to exit volume setting
	Volume	Drag the slide leftwards/ rightwards to turn down/ up the volume
	Sounds for taps	Tick in the box to enable sounds for taps; tick again to cancel
	Power-on Music	Tap ◀ or ▶ to select a power-on music or disable the function

3.20 Backlight

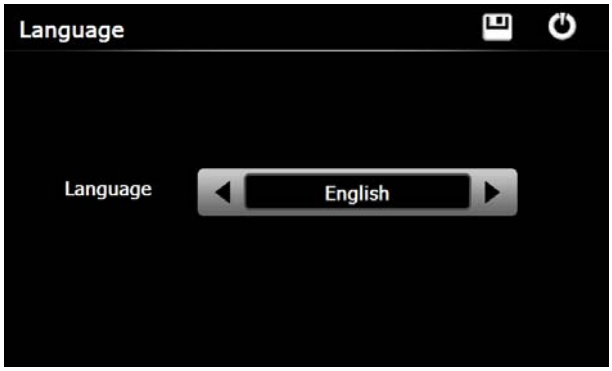
Tap in the system main interface to enter the **Backlight** interface as shown below.



	Close	Tap to exit backlight setting
	Backlight adjustment	Drag the slide leftwards/ rightwards to turn down/ up the backlight
	Auto off	Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap or to view the options in cycle or select one

3.21 Language

Tap in the system main interface to enter the **Language** interface as shown below.



Tap or to select a system language, and then tap to save the setting and return to the **System Setting** interface, or tap to return without saving the setting.

3.22 Date& Time

Tap in the system main interface to enter the **Date& Time** interface as shown below to set the system date, time and time zone.

To set the system date and time, tap or in the above interface to set the year, month, day, hour and minute.

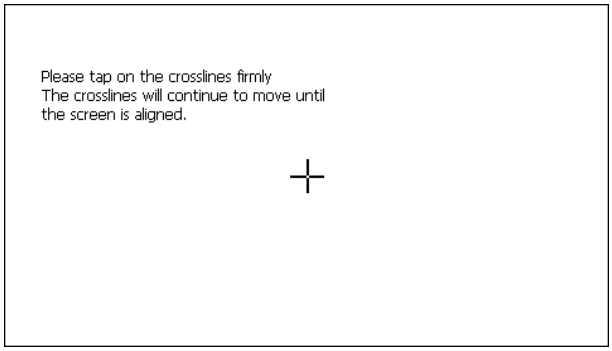
[Note]: Two time formats are provided, which are 12-hour and 24-hour.

To set the system time zone, tap or in the above interface. For example, you may choose "(GMT+8:00) Beijing, Chongqing, Hongkong Special Administrative Region, Urumqi" for China.

3.23 Calibration

Tap in the system main interface to prompt the **Calibration** check box as shown below.

Tap "OK" to calibrate the screen with the following interface prompted. Tap "Cancel" to return.



Click the center of cross cursor with the stylus and the cursor shifts from the center, upper left, lower left, upper right and lower right to finish the calibration and the interface will be closed automatically to go back to the **System Setting** interface.

3.24 System Info

Tap in the system main interface to display the system info as shown below.

3.25 USB Setting

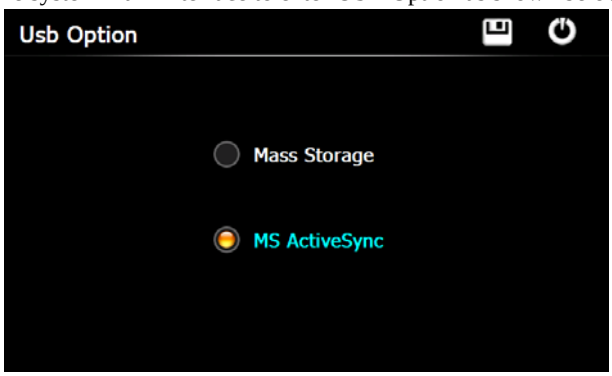
Connect the navigator to PC via the MINI USB port to transmit data or back up data from the navigator data to PC.

The GPS navigator provides MASS STORAGE and MS STORAGE modes. Select one in the USB Setting.

3.25.1 MASS STORAGE

1. Have the navigator in operation status and the T-flash card inserted in the device;

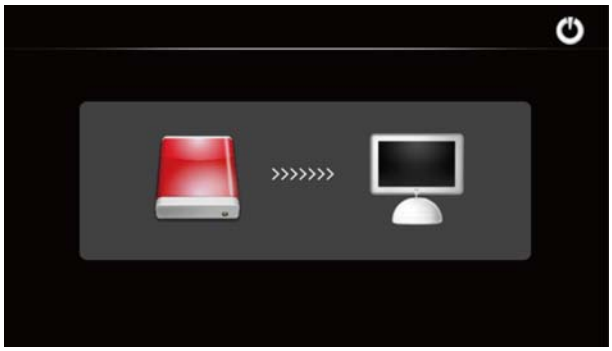
2. Tap in the system main interface to enter USB Option as shown below.



Select MASS STORAGE and tap to save the setting.

[Note]: The default USB mode is MS ACTIVESYNC. When it is modified as MASS STORAGE, the system will restart.

3. Connect the MINI USB terminal of the USB cord to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC. Then the PC will recognize the navigator and prompt the following interface.

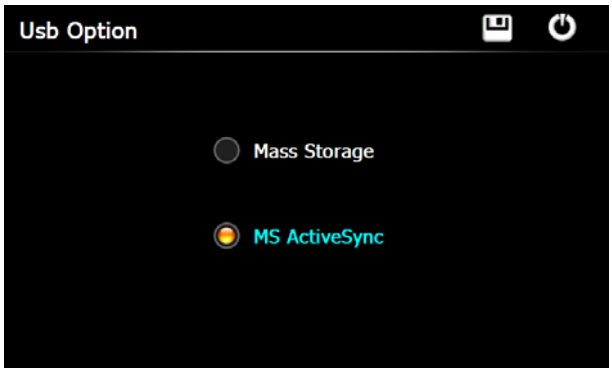


Now you may click on the corresponding drive of the device on PC for data transmission between PC and the device. After communication, delete the drive on PC and unplug the MINI USB cable.

[Note]: Select in the above interface to disconnect the device from PC, and the device will enter USB charging mode and return to the system main interface.

3.25.2 MS ACTIVESYNC

1. Tap in the system main interface to enter USB Option as shown below.



Select MASS ACTIVESYNC and tap to save the setting. The system will restart.

2. Install the application **Mobile Device** in a drive of PC. Then the following icon will appear in the drive selection.

3. Connect the MINI USB terminal of the USB cable to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC.

4. After the PC finds new hardware, double click the Mobile Device drive in the selection area to enter the memory of GPS navigator for data transmission.

5. After transmission, unplug the USB cable.

[Attention] For data safety back up the navigator data

[Note]: If MASS STORAGE is selected while the GPS navigator is connected with PC, other operations will be suspended.

[Attention] The following operations will stop suspend the communication of the system and PC and unsaved data will be lost.

1. Unplugging the MINI USB cable;

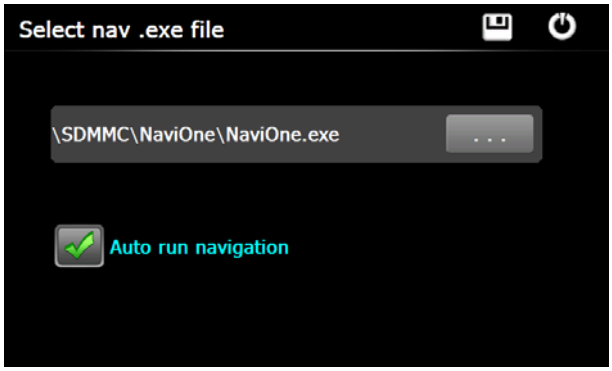
2. Powering off the GPS navigator;

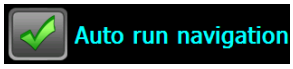
3. Resetting the system;

4. Tap the on close button on the top right.

3.26 Navigation Path

For navigation function, you may use map applications stored in a T-flash card. Insert the card with map data into the navigator and tap in the system main interface to enter the interface of “Navigation Path” shown as below.



	Tap to select a map address
	Tick in the box to run the set navigation map when the navigator is powered on.

Select a map address and tap to save the setting.

3.27 Factory Rest

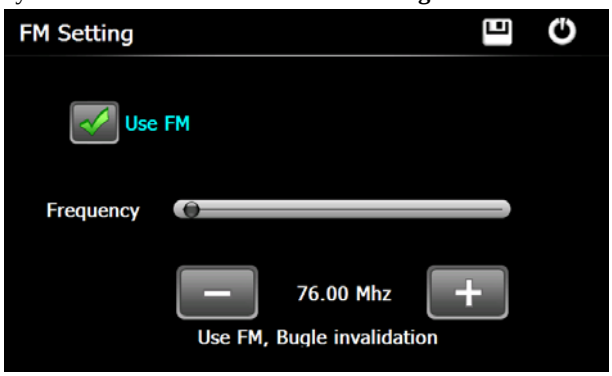
Tap in the system main interface to prompt the following dialog box.

Tap “OK” to reset the factory setting, or tap “Cancel” to return to the system main interface.

3.28 FM Transmitter

FM transmitter realizes transmission of audio signals of the GPS navigator to radio sets. Adjust the emission frequency of the GPS navigator the same as that of the receiving frequency of the radio, and sounds of the navigator will be output by the amplifier system of the radio sets.

Tap in the system main interface to enter **FM Setting** interface shown as below.



	Close	Exit the FM Setting
	Save	Save current setting
	Use FM	Tick in the box to enable FM function
	Frequency	Drag the slide block rightward (or tap) to increase the frequency and leftward (or tap) to reduce the frequency. The frequency range is 76.00Mhz—108.00Mhz

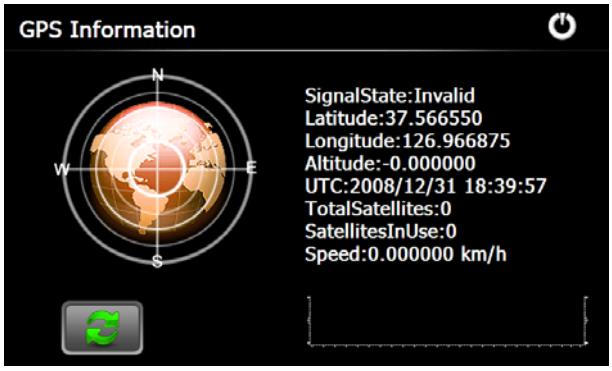
3.29 Radio

Tap in the system main interface to enter the **Radio** interface shown as below.

When the “Open Wireless Module” is ticked, the mobile antenna module will be powered on, and the user may go to the Internet, make calls or send messages; when it is not ticked, the mobile phone will enter flight mode and the above functions are disabled.

3.30 GPS Info

Tap in the system main interface to enter the **GPS info** interface as below.



Tap to prompt the GPS signal confirm box, tap “OK” to rest signal or tap “Cancel” to exit.

3.31 Othello

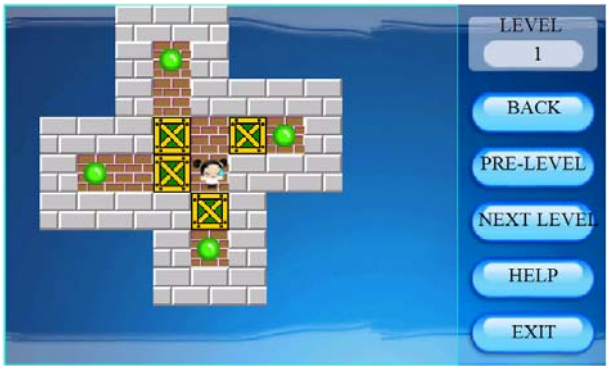
In the system main interface, tap to enter the game interface as below.

3.32 Majiang

In the system main interface, tap to enter the game interface as below.

3.33 BoxMan

In the system main interface, tap to enter the game interface as below.



Chapter IV Troubleshooting

Please carry out the following operations in case of abnormal operation of the GPS navigator. For further problems, please contact our customer service center.

Fault	Reason	Solution
Startup failure	Low battery	Supply external power and charge the battery.
	System down	Reset the GPS navigator.
Sudden power cut	Low battery	Supply external power and charge the battery.
No/ vague display	Low backlight	Turn up the backlight.
	Backlight off	Tap the screen with the touch pan.
Incorrect tapping response	Touch screen not calibrated	Recalibrate the screen.
No sounds	Low volume	Turn up the volume.
	Poor contact of earphone	Connect the earphone.
Communication with PC	Poor USB connection	Connect the USB cable.
GPS signals reception failure	Poor GPS signal	About 3 minutes are needed for low intensity of local GPS satellite signal.
Loss of map data	Accidental deletion	Contact your agent or distributor. Input a new password after recovering the GPS data.

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types PA02-5002 (FCC ID: VUP-A0201P) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the worn on the body is 0.373W/kg.

This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.